



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re U.S. Patent Application of )

ANNO *et al.* )

Serial Number: 10/002,134 )

Filed: December 5, 2001 )

For: LIQUID CRYSTAL DISPLAY DEVICE )

Attorney Docket No. HITA.0122 )

Art Unit: 2871

Examiner:

DUONG, THOI V.

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MAY -8 2003  
TECHNOLOGY CENTER 2800

Honorable Assistant Commissioner  
for Patents  
Washington, D.C.

**COVER LETTER**

Sir:

[ x ] The fee for submission of additional claims is calculated as shown below:

FOR	TOTAL WITH NEW CLAIMS ADDED	TOTAL CURRENTLY ON FILE	CLAIMS PAID	RATE	CALCULATION
Total Claims	13	13	(Over 20)	x \$18	0
Independent Claims	1	1	(Over 3)	x \$84	0
MULTIPLE DEPENDENT CLAIM(S)				+ \$280	0
REDUCTION FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED				x ½	
				TOTAL	0.00

In addition, the below-identified communications are submitted in the above-captioned application or proceeding:

[ x ] Response to Office Action  
(with Claim Amendments)  
[ ] Preliminary Amendment

[ ] Petition for Extension of Time ( \_ months)  
[ ] Terminal Disclaimer  
[ ] Letter to Draftsperson

☐ Substitute Specification

☐ Assignment

☐ Other \_\_\_\_\_

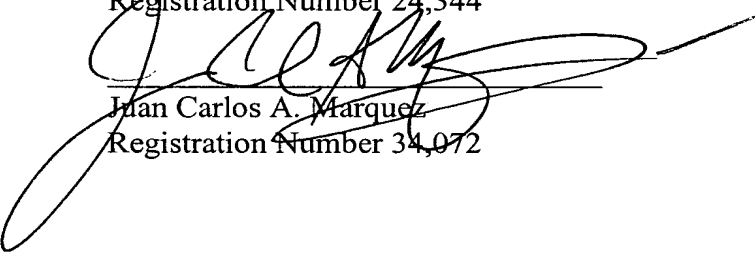
☐ Petition under \_\_\_\_\_

- ☐ Please charge my **Deposit Account Number** \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the fees for \_\_\_\_\_. A duplicate copy of this paper is enclosed.
- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

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**May 7, 2003**



#51A  
5-9-03  
R. Dinkel

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Washington, D.C. 20231

RESPONSE AND AMENDMENT UNDER 37 C.F.R. § 1.111

Sir:

This is in response to the Office Action mailed on February 13, 2003, the period of response to which is set to expire on May 13, 2003. Please amend the above-referenced application as follows:

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IN THE CLAIMS

Please amend the claims by replacing claims 3 and 9 with the following corresponding replacement claims:

a1  
3. A liquid crystal display device according to claim 1, wherein among the island-like multi-layered material layers, there exist the island-like multi-layered material layers whose shape of one layer is different from corresponding one layer of other island-like multi-layered material layers when the island-like multi-layered material layers are viewed in a plan view.

a2  
9. A liquid crystal display device according to claim 1, wherein the liquid crystal display device further includes  
a plurality of gate signal lines which are formed on the liquid-crystal-side surface of one substrate, and